

What is claimed is:

1. An automatic contrast compensation apparatus for an OLED display, comprising:

5 a photo detector for detecting environmental light intensity;
an OLED driver for receiving a signal from said photo detector to increase brightness of said OLED display when said environmental light intensity
10 increases;
a solar cell for providing power for said OLED driver to increase brightness of said OLED display; and
a safety clamping circuit connected between said solar cell and OLED driver for over-current
15 protection of said OLED driver in blaze.

2. An automatic contrast compensation apparatus for an OLED display, comprising:

an OLED driver for driving said OLED display;
20 a solar cell for providing power for said OLED driver to increase brightness of said OLED display when environmental light intensity increases;
a safety clamping circuit connected between said solar cell and OLED driver for over-current
25 protection of said OLED driver in blaze; and

a switch for controlling said OLED driver to increase
brightness of said OLED display.

3. An automatic contrast compensation apparatus for
5 an OLED display, comprising:

an OLED driver for driving said OLED display;

a solar cell for providing power for said OLED driver to
increase brightness of said OLED display when
environmental light intensity increases;

10 a switch for controlling said OLED driver to increase
brightness of said OLED display.